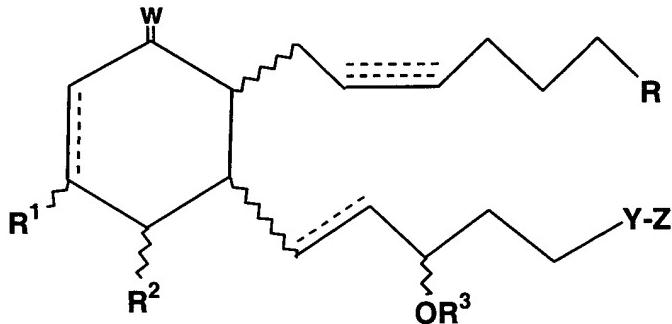


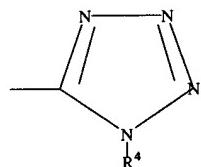
## CLAIMS

1. A method of treating ocular hypertension or  
 5 glaucoma which comprises administering to a mammal  
 having ocular hypertension or glaucoma a  
 therapeutically effective amount of a compound  
 represented by formula I:



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wherein the wavy segment represents an  $\alpha$  or  $\beta$  bond, a  
 15 dashed line represents the presence or absence of a  
 bond, R is selected from the group consisting of  $\text{CO}_2\text{R}^4$ ,  
 $\text{CONR}^4_2$ ,  $\text{CH}_2\text{OR}^4$ ,  $\text{CONR}^4\text{SO}_2\text{R}^4$ ,  $\text{P(O)(OR}^4)$  and

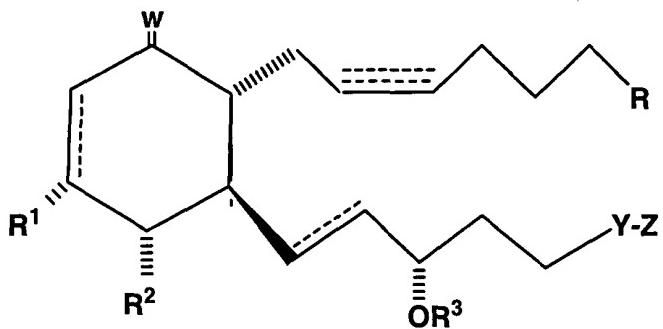


wherein  $\text{R}^4$  is selected from the group consisting of H,  
 phenyl and lower alkyl having from one to six carbon  
 atoms and n is 0 or an integer of from 1 to 4,  $\text{R}^1$  and  
 20  $\text{R}^2$  are independently selected from the group consisting  
 of hydrogen, hydroxyl, a lower alkyloxy radical

having up to six carbon atoms, or a lower acyloxy radical having up to six carbon atoms, R<sup>3</sup> is selected from the group consisting of hydrogen, a lower alkyl radical having up to six carbon atoms and a lower acyl radical having up to six carbon atoms, W is = O or halogen, Y is a covalent bond or is selected from the group consisting of CH<sub>2</sub>, O, S and N and Z is a alkyl or cycloalkyl radical including from three to ten carbon atoms or an aromatic radical including a hydrocarbyl aromatic radical having from six to ten carbon atoms or a heterocyclic aromatic radical having from four to ten carbon atoms and including a heterocyclic atom selected from the group consisting of nitrogen, oxygen and sulfur; and pharmaceutically-acceptable salts and esters thereof.

2. The method of Claim 1 wherein said compound is represented by formula II:

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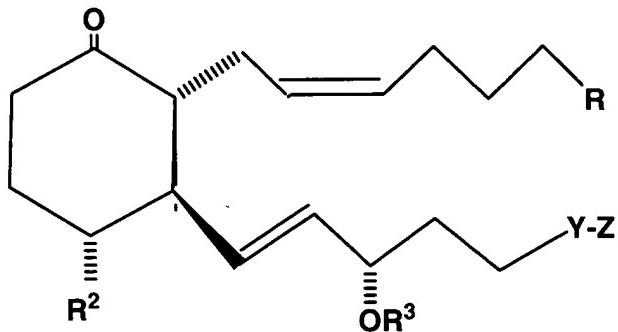


wherein the hatched segment represents an  $\alpha$  bond and the solid triangle represents a  $\beta$  bond.

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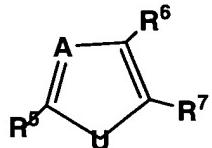
3. The method of claim 2 wherein said compound is represented by formula III

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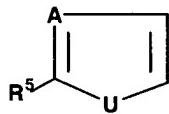
4. The method of claim 3 wherein Z is phenyl or is represented by the formula IV

10



wherein U is selected from the group consisting of O  
 15 and S, A is selected from the group consisting of N,  
 -CH, and C, R<sup>5</sup> is selected from the group consisting  
 of hydrogen, halogen, lower alkyl having from 1 to 6  
 carbon atoms, and lower alkoxy having from 1 to 6  
 carbon atoms, R<sup>6</sup> and R<sup>7</sup> are selected from the group  
 20 consisting of hydrogen, halogen, lower alkyl having

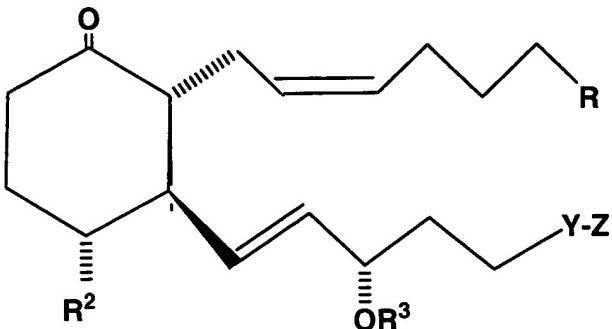
from 1 to 6 carbon atoms, lower alkoxy having from 1 to 6 carbon atoms or, together with



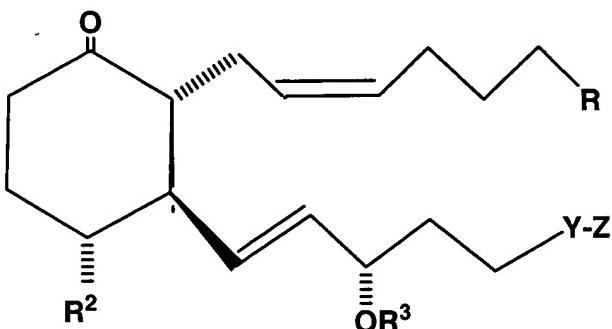
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, R<sup>6</sup> and R<sup>7</sup> forms a condensed aryl ring.

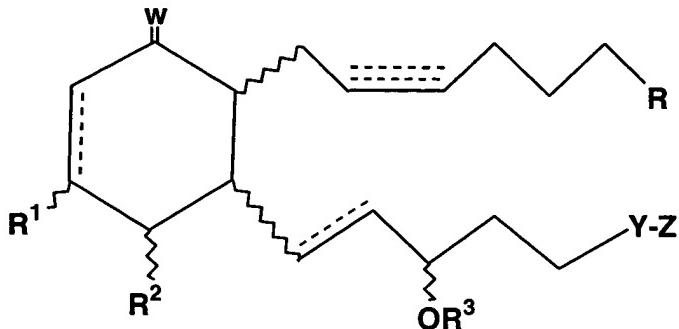
- 5. The method of claim 4 wherein U is S.
  - 6. The method of claim 4 wherein R is CO<sub>2</sub>R<sup>4</sup>.
  - 10 7. The method of claim 6 wherein R is H or methyl.
  - 8. The method of claim 4 wherein Z is phenyl.
  - 9. The method of claim 8 wherein R is CO<sup>2</sup>R<sub>4</sub>.
  - 10. The method of claim 9 wherein R<sup>4</sup> is H.
  - 11. The method of claim 4 wherein Z is chlorobenzothienyl.
  - 15 12. The method of claim 11 wherein R is CO<sup>2</sup>R<sub>4</sub>.
  - 13. The method of claim 12 wherein R<sup>4</sup> is H.
  - 14. An ophthalmic solution comprising a therapeutically effective amount of a compound of
  - 20 formula I, as defined in Claim 1, or a pharmaceutically acceptable salt thereof, in admixture with a non-toxic, ophthalmically acceptable liquid vehicle, packaged in a container suitable for metered application.
- 25
- 15. The ophthalmic solution of Claim 14 wherein said compound is a compound of Formula III



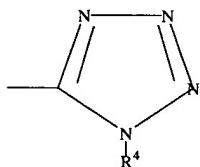
16. A pharmaceutical product, comprising a container adapted to dispense the contents of said container in metered form; and an ophthalmic solution in said container comprising a compound of formula I as defined in Claim 1, or a pharmaceutically acceptable salt thereof, in admixture with a non-toxic, ophthalmically acceptable liquid vehicle.
- 5           17. The product of claim 16 wherein said compound is compound of Formula III



- 10           18. The product of claim 17 wherein Z is phenyl.
- 15           19. The product of claim 18 wherein R is  $CO_2R^4$  wherein  $R^4$  is H or methyl.
20. The product of claim 19 wherein  $R^4$  is H.
21. The compound represented by formula I:



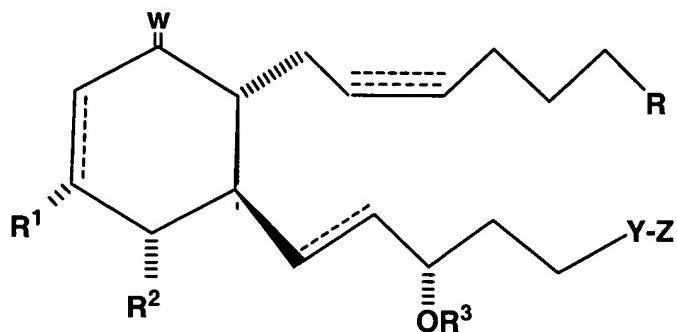
wherein the wavy segment represents an  $\alpha$  or  $\beta$  bond, a dashed line represents the presence or absence of a bond, R is selected from the group consisting of  $\text{CO}_2\text{R}^4$ ,  $\text{CONR}^4_2$ ,  $\text{CH}_2\text{OR}^4$ ,  $\text{CONR}^4\text{SO}_2\text{R}^4$ ,  $\text{P(O)(OR}^4)$  and



wherein R<sup>4</sup> is selected from the group consisting of H, phenyl and lower alkyl having from one to six carbon atoms and n is 0 or an integer of from 1 to 4, R<sup>1</sup> and R<sup>2</sup> are independently selected from the group consisting of hydrogen, hydroxyl, a lower alkyloxy radical having up to six carbon atoms, or a lower acyloxy radical having up to six carbon atoms, R<sup>3</sup> is selected from the group consisting of hydrogen, a lower alkyl radical having up to six carbon atoms and a lower acyl radical having up to six carbon atoms, W is = O or halogen, Y is a covalent bond or is selected from the group consisting of CH<sub>2</sub>, O, S and N and Z is a alkyl or

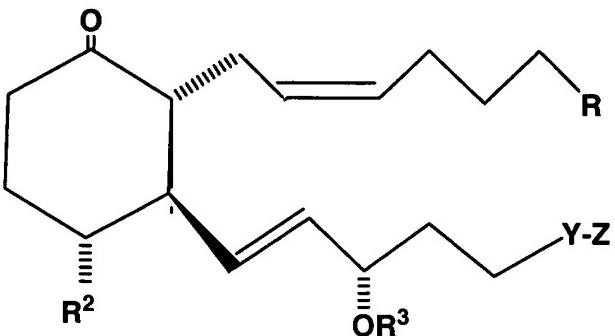
cycloalkyl radical including from three to ten carbon atoms or an aromatic radical including a hydrocarbyl aromatic radical having from six to ten carbon atoms or a heterocyclic aromatic radical having from four to ten carbon atoms and including a heterocyclic atom selected from the group consisting of nitrogen, oxygen and sulfur; and pharmaceutically-acceptable salts and esters thereof.

10 22. The compound of claim 1 wherein said compound is represented by formula II:

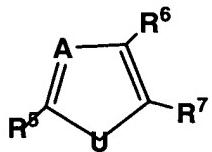


15 wherein the hatched segment represents an  $\alpha$  bond and the solid triangle represents a  $\beta$  bond.

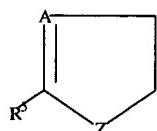
20 23. The method of claim 22 wherein said compound is represented by formula III



24. The method of claim 23 wherein Z is phenyl or is represented by the formula IV



5       wherein Z is selected from the group consisting of O and S, A is selected from the group consisting of N, -CH, and C, R<sup>5</sup> is selected from the group consisting of hydrogen, halogen, lower alkyl having from 1 to 6 carbon atoms, and lower alkoxy having from 1 to 6 carbon atoms, R<sup>6</sup> and R<sup>7</sup> are selected from the group consisting of hydrogen, halogen, lower alkyl having from 1 to 6 carbon atoms, lower alkoxy having from 1 to 6 carbon atoms, R<sup>6</sup> and R<sup>7</sup> are selected from the group consisting of hydrogen, halogen, lower alkyl having from 1 to 6 carbon atoms, lower alkoxy having from 1 to 6 carbon atoms or, together with  
10      15



15

, R<sup>6</sup> and R<sup>7</sup> forms a condensed aryl ring.

25. The method of claim 24 wherein U is S.
26. The method of claim 25 wherein R is  $\text{CO}_2\text{R}^4$ .
27. The method of claim 26 wherein R is H or methyl.
28. The method of claim 24 wherein Z is phenyl.
- 5 29. The method of claim 28 wherein R is  $\text{CO}^2\text{R}_4$ .
30. The method of claim 29 wherein  $\text{R}^4$  is H.